

REMARKS/ARGUMENTS

Reconsideration and withdrawal of the rejections of the application are respectfully requested in view of the amendments and remarks herewith, which place the application into condition for allowance. The present amendment is being made to facilitate prosecution of the application.

I. STATUS OF THE CLAIMS AND FORMAL MATTERS.

Claims 25, 27-45, 51-58 and 70-84 are pending. Claims 25, 51-53, 70, 72-74, 78-80, 83 and 84, which are independent, are hereby amended. Support for this amendment is provided throughout the Specification, Specifically at paragraph [0200].

No new matter has been introduced. It is submitted that these claims, as originally presented, were in full compliance with the requirements of 35 U.S.C. §112. Changes to claims are not made for the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103, or §112. Rather, these changes are made simply for clarification and to round out the scope of protection to which Applicants are entitled.

II. REJECTIONS UNDER 35 U.S.C. §103(a)

Claims 25, 27-45, 51 and 52 were rejected under 35 U.S.C. §103(a) as allegedly unpatentable over Applicants' admitted prior art ("AAPA") in view of U.S. Patent No. 6,404,901 to Itokawa (hereinafter, merely "Itokawa").

Claims 53-58 were rejected under 35 U.S.C. §103(a) as allegedly unpatentable over AAPA in view of U.S. Patent No. 5,812,787 to Astle (hereinafter, merely "Astle") in view of U.S. Patent No. 5,774,183 to Riek et al. (hereinafter, merely "Riek").

Claims 70-84 were rejected under 35 U.S.C. §103(a) as allegedly unpatentable over AAPA in view of U.S. Patent No. 5,812,787 to Astle (hereinafter, merely "Astle").

III. RESPONSE TO REJECTIONS

Claim 25 recites, *inter alia*:

"A signal processing apparatus comprising:

...wherein a projecting period for acquiring the second signal is divided into at least two equal time periods according to a number of movement quantities upon acquiring the second signal, signals obtained in each of the equal time periods being used to generate the significant information." (Emphasis added)

As understood by Applicants, Riek relates to a method for processing an input digital video signal. The method includes a capturing step for capturing first and second frames, a determining step for determining motion vectors, and creating step for creating a frame for forming re-creating the second frame.

Applicants respectfully submit that Itokawa, Astle, Riek, and AAPA, taken either alone or in combination, fail to teach or disclose the above-identified features of claim 25. Specifically, nothing is found that discloses or teaches wherein a projecting period for acquiring the second signal is divided into at least two equal time periods according to a number of movement quantities upon acquiring the second signal, signals obtained in each of the equal time periods being used to generate the significant information, as recited in claim 25.

Therefore, claim 25 is patentable.

For reasons similar to, or somewhat similar to, those described above with regard to independent claim 1, independent claims 51-53, 70, 72-74, 78-80, 83 and 84 are also patentable.

IV. DEPENDENT CLAIMS

The other claims in this application are each dependent on an independent claim discussed above, and are therefore believed patentable for at least the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual reconsideration of the patentability of each on its own merits is respectfully requested.

Similarly, because Applicants maintain that all claims are allowable for at least the reasons presented hereinabove, in the interests of brevity, this response does not comment on each and every comment made by the Examiner in the Office Action. This should not be taken as acquiescence of the substance of those comments, and Applicants reserve the right to address such comments.

CONCLUSION


In the event the Examiner disagrees with any of statements appearing above with respect to the disclosure in the cited reference or references, it is respectfully requested that the Examiner specifically indicate those portions of the reference or references providing the basis for a contrary view.

In view of the foregoing amendments and remarks, it is believed that all of the claims in this application are patentable and Applicants respectfully request early passage to issue of the present application.

Please charge any additional fees that may be needed, and credit any
overpayment, to our Deposit Account No. 50-0320.

Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP
Attorneys for Applicants

By 
Thomas F. Presson
Reg. No. 41,442
(212) 588-0800